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ABSTRACT

A device for causing hemostasis includes a sheet of mesh stretchable between an expanded and a retracted configuration, a size of the sheet in the retracted configuration being selected to cover a target tissue site; a spring mechanism coupled to the mesh, the spring mechanism moving between an expanded configuration and a retracted configuration when the mesh is moved between the expanded and retracted configurations; and a plurality of hooks coupled to the mesh and oriented to extend into tissue to lock the mesh in position when the mesh is placed in a desired position over the target tissue site in the expanded configuration. The hooks are lockingly engaging the target tissue so that, after the hooks have lockingly engaged the tissue, the spring mechanism reverts to the retracted configuration drawing the engaged portions of tissue radially inward.

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